

ABSTRACT

An orthotic insole marketing and production system, comprising a means for receiving orthotic insole orders, each order comprising user information, scanned foot images, and perhaps a prescription from a medical practitioner. A conversion utility converts the scanned foot images into a three dimensional orthotic insole model, which may be manipulated with a modeling utility. A postprocessing utility generates fabrication instructions based on the manipulated orthotic insole model. The fabrication instructions are sent to a milling device that interprets the fabrication instructions to create a physical reproduction of the manipulated orthotic insole model, which is subsequently delivered to the user for use as an orthotic insole. The ordering process may be facilitated with the use of a foot scan software executable by customers to collect order information and aid users in scanning foot images. The foot scan software program creates and transmits orthotic insole orders to the production system.